Category Definitions for El Dorado Project

Revised 11/10/2004

Structure Type	Included Structures	Included Types	Length Req'ts	Width Req'ts	Aspect Ratio Req'ts
Primary Structures		L	L	l	J
	F	Chrys, Amph, Other, Trans	≥0.5µm - <5.0µm	NA '	≥5:1
	F	Chrys, Amph, Other, Trans	>5µm	NA	≥3:1
	B, MD, MC, CC, CD	Chrys, Amph, Other, Trans	≥0.5µm	NA	NA
Total Asbestos Structures					-
1000	F,B,MB,MF,CB,CF,MC,CC,MR,CR	Chrys, Amph, Other, Trans	<u>≥</u> 0.5µm	NA*	NA NA
PA Level 2-like 0.5 - 5µm	*				
Man.	F	Amph, Other, Trans	>0.5µm - ≤5.0µm	NA	≥3:1
	B, MD, CD	Amph, Other, Trans	≥0.5µm - <u><</u> 5.0µm	NA	NA NA
EPA Level 2-like > 5µm			· - · -		•
- A Ferei T III o > opini	F	Amph, Other, Trans	>5.0µm	NA NA	≥3:1
	B, MD, CD	Amph, Other, Trans	≥5.0µm	NA	NA NA
	·				<u> </u>
Asbestos Structures >5µm	B, MD, MC, CD, CC	Chrys, Amph, Other, Trans	>5µm	NA NA	NA NA
	• F	Chrys, Amph, Other, Trans	>5µm	NA NA	≥5:1
Asbestos Fibers and Bundles >5µm		· · · · · · · · · · · · · · · · · · ·			
	B, MB, CB	Chrys, Amph, Other, Trans	>5µm	. NA	NA NA
	F, MF, CF	Chrys, Amph, Other, Trans	>5µm	NA	≥5:1
PCM Equiv. Fibers		· · _ · _ · _ · _ · _ · _ · · · · ·			
	F, B, MF, MB, CF CB	Chrys, Amph, Other, Trans	>5µm	≥0.25 - <u><</u> 3 µm	≥3:1
PCM Equiv. Structures					
	F, B, MD, MC, CD, CC	Chrys, Amph, Other, Trans	>5µm	≥0.25 - <u><</u> 3 µm	≥3:1
	F, B, MF, MB, CF, CB, CC	Chrys, Amph, Other, Trans			Defined by Length and
Protocol ASB Structures 5-10	F, B, MF, MB, CF, CB, CC	Chrys,Amph, Other, Trans	>5µm - <u><</u> 10µm	<u><</u> 0.5µm	Width Measurements
	F, B, MF, MB, CF, CB, CC	Chrys, Amph, Other, Trans			Defined by Length and
Protocol ASB Structures >10	1, B, WII, WIB, OI, OB, OO .	Onlys,Amph, Other, Trans	>10µm	<u><</u> 0.5µm	Width Measurements
•	F, B, MF, MB, CF, CB, CC	Chrys, Amph, Other, Trans			Defined by Length and
Protocol ASB Structures Total	1,5,111,1115,01,05,00	Chirjop anipin, Canon, Traine	>5µm	<u>≤</u> 0.5µm	Width Measurements
	F, B, MF, MB, CF, CB, CC	Chrys			Defined by Length and
Protocol CHRYS Structures 5-10	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		>5µm - <u><</u> 10µm	<u><</u> 0.5μm	Width Measurements
- · · · · · · · · · · · · · · · · · · ·	F, B, MF, MB, CF, CB, CC	Chrys	10	-O Euro	Defined by Length and
Protocol CHRYS Structures >10			>10µm	<u><</u> 0.5μm	Width Measurements Defined by Length and
nesteral OURYO Otworkson Total	F, B, MF, MB, CF, CB, CC	Chrys	- Eum	<0.5µm	Width Measurements
Protocol CHRYS Structures Total	· · · · · · · · · · · · · · · · · · ·		>5µm	<u>≤</u> 0.5µIII	Defined by Length and
Protocol AMPH Structures 5-10	F, B, MF, MB, CF, CB, CC	Amph	>5µm - <u><</u> 10µm	≤0.5µm	Width Measurements
Protocol AMPH Structures 5-10			20pin Stopin	<u> </u>	Defined by Length and
Protocol AMPH Structures >10	F, B, MF, MB, CF, CB, CC	Amph	>10µm ',	≤0.5µm	Width Measurements
			- 100	20.00	Defined by Length and
Protocol AMPH Structures Total	F, B, MF, MB, CF, CB, CC	Amph	>5um	≤0.5µm	Width Measurements
Cleavage Fragments	F. MF	Amph, Other, Trans	>5	NA NA	>=20:1
Transitional Structures	F, B, MB, MF, CB, CF, MR, CR, CC	Trans	>5µm	<0.5µm	≥3:1

Revision Notes (ver2 - 11/1/04):	Structure Definitions:		Type Definitions:
Revised PCM Equivalent Widths to US standard, i.e., minimum width >=0.25	В	Bundle	Chrys - Chrysotile
Revised the following in order to mimic an EPA Level 2 analysis:	СВ	Bundle attached to cluster -	Amph - Regulated Amphibole
EPA Level 2-like Structures 0.5 - 5 um to include F structures with >=3:1 aspect ra	a CC	Compact cluster	Other - Other Amphibole
EPA Level 2-like Structures 0.5 - 5 um to include B, MD, CD structures, all aspect		Cluster dispersed	Trans - Transitional Structure
EPA Level 2-like Structures > 5 um to include F structures with >=3:1 aspect ratio	CF .	Fiber attached to cluster	•
EPA Level 2-like Structures >5 um to include B, MD, CD structures, all aspects	CR	Cluster residual	
	Ė	Fiber	•
Revision Notes (ver3 - 11/10/04):	MB	Bundle attached to matrix	
Revised Cleavage Fragments to exclude Chrys and include Amph, Other, Trans only	y MC	Compact matrix	•
Revised Cleavage Fragments to include F, MF only - bundles no longer included	MD .	Matrix dispersed	
Revised Transitional Structures to include Trans only	MF	Fiber attached to matrix	

Matrix residual

Revised Transitional Structures to include >=3:1 aspect ratio